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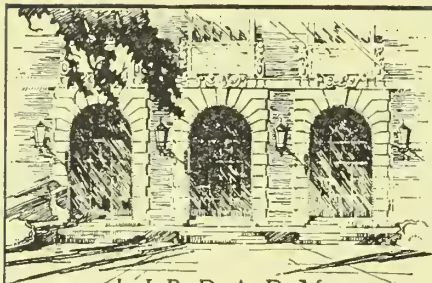
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A GUIDE TO HISTORICAL
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A GUIDE
TO
HISTORICAL CARTOGRAPHY



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A GUIDE
to
HISTORICAL CARTOGRAPHY

A Selected, Annotated List of References
on the
History of Maps and Map Making

Compiled by
Walter W. Ristow and Clara E. LeGear

Second Edition, Revised



MAP DIVISION
REFERENCE DEPARTMENT
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William L. Skelton Survey

PREFACE

The advanced student of historical cartography can find, in the scholarly journals and monographs of many countries, a varied selection of references pertinent to his subject. These are, for the most part, detailed studies of unique maps or atlases, bibliographies of individual map makers, or discourses on a particular school of cartography or period in cartographical development.

This unorganized mass of specialized reference material, however, often serves to deter rather than aid the casual investigator or the individual interested in an overall survey of cartographic history. Several creditable general works on the history of map making, published in recent years, offer a more inviting approach to the subject than was heretofore possible. There is still need, however, for a bibliographic guide to the more useful reference sources.

The present compilation is intended to be such a guide. It was prepared initially to assist the reference staff of the Library of Congress Map Division in filling requests relating to historical cartography. The list was published originally in 1954 with the hope that it might prove useful to other reference librarians as well as to instructors and students of cartography. It apparently filled a real need, and the initial printing was exhausted some months ago.

For this new revised edition, the entries have been completely reviewed. Several references, included in the earlier work, have been omitted and a number of new ones added. As was noted in the preface to the first edition, reducing the very extensive literature of historical cartography to some sixty or so selected works is no easy task. Cartographic scholars may find fault with some of the items listed, and present a strong case for other works which might have been included. Any selective list cannot help but reflect the objectives, interests, biases, and experiences of the compilers.

In selecting works which would constitute in essence a "ready reference shelf" for the reading room staff of the Map Division, it was arbitrarily decided to limit the period of historical cartography to the end of the eighteenth century. The first objective was to choose the best general works dealing with this period. Among the more useful are Bagrow's Geschichte der Kartographie (No. 7), Crone's Maps and Their Makers (No. 18), Libault's Histoire de la Cartographie (No. 40), Skelton's Decorative Printed Maps (No. 48), and Tooley's Maps and Map-makers (No. 53).

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In addition to their authoritative textual presentations, most of these books include excellent classified bibliographies, and have reproductions of old maps, some of which are in color.

Wolkenhauer's Aus der Geschichte der Kartographie (No. 63) and Eckert-Greifendorff's classic two-volume Die Kartenwissenschaft (No. 21) must be included in such a compilation. Likewise, the excellent facsimile works of Nordenskiöld (Nos. 43 and 44), Wieder (No. 61), Yusuf Kamal (No. 67), and the Vatican Library (No. 56) are basic reference works which should be familiar to every student of historical cartography.

Selection of outstanding specialized studies was the second objective in preparing this reference list. In choosing such studies a conscious effort was made to include, whenever possible, one or more items for each distinctive period in cartographic history, and for the more important "schools" of cartography. The selected items include some well-known references which have proved their worth through the years, as well as a number of more recent volumes. Among the latter are historical cartographical summaries of Italy, the Netherlands, Portugal, Scandinavia, and Switzerland.

As a rule, articles in journals and serials have not been included. Attention is called, however, to Imago Mundi, the several numbers of which include many excellent studies in the field of historical cartography.

Preference was given, as far as possible, to works in English and almost half of the items listed are in this language. It is recognized, however, that many of the classics in the field are in other languages, and these are, of course, included. The majority of the works listed should be available in the larger university and reference libraries in the United States. Some, however, such as Yusuf Kamal's monumental work (No. 67), can be consulted only in the few American libraries which possess these volumes.

In a compilation as brief as this, it has been considered best to arrange the references in one alphabet by author. A secondary approach by subject is provided in the index. Library of Congress call numbers are given for each item, and the annotations call attention to the outstanding features of each work.

Walter W. Ristow,
Assistant Chief

Clara Egli Le Gear,
Honorary Consultant in
Historical Cartography

A GUIDE TO HISTORICAL CARTOGRAPHY

A Selected, Annotated List of References on the History of Maps and Map Making

Compiled by
Walter W. Ristow and Clara E. Le Gear

- 1 **Almagià, Roberto.** *Monvmenta Italiae cartographica.*
Riproduzioni di carte generali e regionali d'Italia
dal secolo XIV al XVII. Raccolte e illustrate da
Roberto Almagià. Firenze, Istituto Geografico
Militare, 1929. vi, 88 p. 65 pl. of maps.
53 x 39 cm. GA891.A7
Includes biographical sketches of Italian map
makers as well as critical evaluations of the maps
they produced.
- 2 **Andrews, Michael Corbet.** *The study and classification
of medieval mappae mundi.* In *Archeologia.* London,
Society of Antiquaries, v. 75, 1926, p. 61-76, maps.
DA20.A64 v. 75
A clear and simple introduction to the study of
mediaeval world maps. Includes a useful table which
divides the known mappae mundi into families, divisions,
genera and species.
- 3 **Anthiaume, L'Abbe A.** *Cartes marines, constructions navales,
voyages de découverte chez les Normands, 1500-1650 ...*
Préface de l'Amiral Buchar ... Paris, E. Dumont, 1916.
2 v. illus. 25 cm. GA231.A6
A treatise on French portolan charts and the
discoveries and explorations made in the new world
by Frenchmen. Volume 1 is devoted to charts and
volume 2 to explorations.
- 4 **Averdunk, Heinrich, and J. Müller-Reinhard.** *Gerhard Mercator
und die Geographen unter seinen Nachkommen.* Gotha, J.
Perthes, 1914. viii, 188 p. 28 cm. (Petermanns
Mitteilungen. *Ergänzungsheft* nr. 182.)
G1.P44 nr. 182
An authoritative study of the geographical contri-
butions of Gerard Mercator, his contemporaries and his
successors.

- 5 **Baddeley, John Frederick.** Russia, Mongolia, China, being some record of the relations between them from the beginning of the XVIIth century to the death of the Tsar Alexei Mikhailovich, A.D. 1602-1676, rendered mainly in the form of narratives dictated or written by the envoys sent by the Russian tsars ... with introductions, historical and geographical, also a series of maps, showing the progress of geographical knowledge in regard to northern Asia during the XVIth, XVIIth, and early XVIIIth centuries, the texts taken more especially from manuscripts in the Moscow Foreign Office archives; the whole by John F. Baddeley ... London, MacMillan, 1919. 2 v. illus., maps. 36 cm. DK68.A1B3
 Introduction III, (p. xcvi-ccxvi in v. 1, Geographical) includes a summary of the cartographical history of the 16th to the 18th centuries.

- 6 **Bagrow, Leo.** A. Orтели Catalogus cartographorum. Gotha, J. Perthes, 1928-30. 2 v. maps. 28 cm. (Petermanns Mitteilungen. Ergänzungsheft nr. 199 & 210. 137 and 135 pages respectively.) Contents. - v. 1. A-L; v. 2. M-Z, and index. G1.P44 nr. 199 & 210
 A bio-bibliographical study of Abraham Ortelius, his Theatrum Orbis Terrarum, and the 87 cartographers whose maps were included in the Theatrum. A comprehensive survey of 16th century cartography.

- 7 ----- Die Geschichte der Kartographie. Berlin, Safari-Verlag [1951], 383 p. illus., maps. 25 cm. GA201.B3
 An excellent introduction to the history of cartography with numerous illustrations, a classified bibliography, and biographical sketches of a large number of map makers.

- 8 **Beazley, Charles Raymond.** The dawn of modern geography. A history of exploration and geographical science ... with reproductions of the principal maps of the time. London, J. Murray, 1897-1906. 3 v. illus., maps. 23 cm. Contents. - v. 1. From the conversion of the Roman Empire to A.D. 900, with an account of the achievement and writings of the early Christian, Arab, and Chinese travellers and students. - v. 2. From the close of the ninth to the middle of the thirteenth century (A.D. 900-1260). - v. 3. From the middle of the thirteenth century to the early years of the fifteenth century (A.D. 1260-1420). G89.B35 1905
 A most inclusive work on mediaeval geography covering the period from 300 to 1420 A.D., with emphasis on the history of discovery and exploration. Each volume contains a section on maps of the period covered.

- 9 Berwick, Jacobo Maria del Pilar Carlos Manuel Stuart Fitz-James, 10. duque de. Mapas Españoles de America siglos XV-XVII. Madrid, 1951. xv, 351 p. 78 maps. 51 cm.
G1100.B4
An auxiliary work to the study of the cartographical development of North and South America. Each of the maps reproduced is followed by extensive annotations including descriptions, lists of names on the maps, and bibliographical references. Very magnificently produced.
- 10 Bramsen, Bo. Gamle Danmarkskort, en historisk oversigt med bibliografiske noter for perioden 1570-1770. København, Politikens Forlag, 1952. 159 p. illus., maps. 35 cm.
GA961.B7
A comprehensive cartographic history of Denmark for the period covered, with more than 140 reproductions, some in color. Useful also as a supplemental work on general cartographic history as it includes brief biographical sketches of many of the leading cartographers of the sixteenth to the eighteenth centuries.
- 11 Bratt, Einar. En krönika om kartor över Sverige. Stockholm, Generalstabens Litografiska Anstalt, 1958. 132 p. maps. 30 cm.
GA991.B7
An excellent historical essay on the cartography of Sweden with a number of facsimiles, some of which are in color. Covers the development and evolution of maps of Sweden from the earliest time to modern official cartography. Text is in Swedish.
- 12 British Museum. Dept. of Printed Books. Map Room. Catalogue of the printed maps, plans, and charts in the British Museum... London, 1885. 2 v. 35 cm.
Z6028.B86
Undoubtedly the most comprehensive map catalog ever published. Some 90 supplemental lists entitled "Catalog of maps. Accessions" have been published from 1884 to 1956.
Z6028.B861

- 13 Brown, Lloyd Arnold. The story of maps. Boston, Little, Brown, 1949. xix, 397 p. illus., maps. 27 cm. GA201.B76 1949

A general introduction to the history of map making with more emphasis on the development of techniques than on exploration and discovery. Includes an extensive bibliography.

- 14 Bunbury, Sir Edward Herbert. A history of ancient geography among the Greeks and Romans from the earliest ages till the fall of the Roman Empire with a new introduction by W. H. Stahl. 2d ed. New York, Dover Publications, 1959. 2 v. maps. v. 1, 666 p., v. 2, 743 p. 21 cm. G84.B95 1959

An excellent source book containing information about the world, countries and peoples known to the Greeks and Romans. Contains many references to ancient Greek maps.

- 15 Chubb, Thomas. The printed maps in the atlases of Great Britain and Ireland; a bibliography, 1579-1870, by Thomas Chubb ... with an introduction by F. P. Sprent ... and biographical notes on the map makers, engravers and publishers by T. Chubb, assisted by J. W. Skells and H. Beharrell. With numerous reproductions ... London, Homeland Assn. [1927] xvii, 479 p. illus., maps. 29 cm. Z6027.G7C5

A comprehensive study giving descriptions and lists of maps, based primarily on the British Museum atlas collection. In four parts: 1) atlases of England and Wales; 2) Scotland; 3) Ireland; 4) biographical notes of map makers, engravers, and publishers, with a general index.

- 16 Cortesão, Armando. Cartografia e cartógrafos portugueses dos séculos XV e XVI (Contribuição para um estudo completo) ... Lisboa, Edição da "Seara nova", 1935. 2 v. maps. 29 cm. GA1011.C6

An exhaustive study of Portuguese portolan charts and their makers, with many bibliographic references and an extensive index. It includes facsimiles of 46 charts. A "most important work, not only on early Portuguese cartography but on early cartography, published for many years." (Imago Mundi, II, p. 98).

- 17 Cortesão, Armando, and Avelino Teixeira da Mota.
Portugaliae monumenta cartographica. 5 vols.
48 x 61 cm. Lisboa, vols. 1-4, 1960, vol. 5, 1961.
vol. 1, earliest cartography to the middle of the
16th century; vol. 2, middle of 16th century to last
decade; 131 p., 240 pl.; vol. 3, last part of 16th
century; 113 p., 388 pl.; vol. 4, chiefly 17th century;
vol. 5, 17th century, and general index.

Volumes two and three were received prior to publication of this list. When completed this 5-volume work will constitute one of the truly magnificent and monumental works on historical cartography. A number of the reproductions are in color and the remainder are in sepia. Text is in Portuguese and English. This outstanding publication was prepared to commemorate the fifth centenary of the death of Prince Henry the Navigator.

- 18 Crone, Gerald Roe. Maps and their makers. An introduction to the history of cartography. London, Hutchinson House, 1953. 181 p. illus. 19 cm. GA201.C7

"A map can be considered from several aspects, as a scientific report, a historical document, a research tool, and an object of art. In this outline I have endeavoured to balance these considerations, and to regard maps as products of a number of processes and influences.... My aim has been to indicate the main stages of cartographic development to which many countries have contributed in turn." There is "in an appendix a list of the more important volumes of map reproductions."

- 19 Cumming, William Patterson. The southeast in early maps, with an annotated check list of printed and manuscript regional and local maps of southeastern North America during the colonial period. Princeton University Press, 1958. ix, 275 p. 67 pl. of maps. 29 x 23 cm. GA405.C8

"A study of the historical cartography of the southeastern region of North America before the American Revolution. It attempts to analyze the manuscript and printed maps of that area, showing the expansion of geographical knowledge through the periods of discovery and colonization, and at times relates these maps to other primary documents of the period.... The list of maps attempts to make an exhaustive check of all regional maps of the Southeast and of local maps south of Virginia and north of the Florida peninsula."

- 20 Dahlgren, Per Johan. Sveriges sjökarta. [Lund, H. Ohlssons Boktryckeri,] 1944. 413 p. illus., maps. 32 x 25 cm. (Statens Sjöhistoriska Museum. Handlingar I) GA991.03
A comprehensive history of Swedish cartography, and of Sweden's hydrographic surveys. It includes biographies of the directors of the surveys, from 1643 to 1943.
- 21 Eckert-Greifendorff, Max. Die Kartenwissenschaft; Forschungen und Grundlagen zu einer Kartographie als Wissenschaft ... Berlin und Leipzig, W. Gruyter, 1921-25. 2 v. maps. 29 cm. GA105.E3
A monumental work on every phase of the development of cartography with a wealth of historical and bibliographical data.
- 22 Fiorini, Matteo. Sfere terrestri e celesti di autore italiano oppure fatte o conservate in Italia. Societa geografica italiana, Rome, 1899. xxi, 502 p. 24 cm. GA284.I7F3
A comprehensive listing of terrestrial and celestial globes published before 1800. Includes author, place, and chronological indexes.
- 23 Fite, Emerson David, and Archibald Freeman. A book of old maps, delineating American history from the earliest days down to the close of the Revolutionary War ... Cambridge, Harvard University Press, 1926. xv, 299 p. maps. 42 x 30 cm. GA400.H65F5
An excellent study of American cartographic development as reflected in some 75 carefully selected maps. The historical significance of each map reproduced in facsimile is well documented.
- 24 Fockema Andreae, Sybrandus Johannes. Geschiedenis der kartografie van Nederland, van den Romeinschen tijd tot het midden der 19de eeuw, door S. J. Fockema Andreae, met medewerking van B. van 't Hoff. With a summary in English. 's-Gravenhage, M. Nijhoff, 1947. 127 p. 25 pl. incl. ports., maps. 33 cm. GA901.F6
Attention of the authors is "focused on the geographical representation of the Netherlands territory throughout the ages; they have tried to draw a general picture of this interesting and sometimes intricate course of events, and to put this picture upon its appropriate historical and cultural background." Included are biographical and bibliographical data.

- 25 France. Armée. Service Géographique. La carte de France, 1750-1898. Étude historique par le Colonel Berthaut, chef de la Section de cartographie ... [Paris, Imprim. du Service Géographique, 1898-99. 2 v. illus., maps. 28 cm. GA862.B51

The most comprehensive work on the history of French cartography, with much biographical data on the men who contributed to its development. It includes a chronology and an excellent general index.

- 26 Germany. (Federal Republic, 1949-) Bundesanstalt für Landeskunde, (in cooperation with) the Deutsche Gesellschaft für Kartographie. Bibliotheca Cartographica. Edited by Karl-Heinz Meine, H. Kramm, and R. D. Schmidt. Frankfurt a.M. Semi-annually, 1957-. 21 cm. Z6021.B55

An international classified bibliography of cartographical literature. Includes a section on the History of Cartography, subdivided into a) General history, b) Regional history, and c) Biography and personal data.

- 27 Grob, Richard. Geschichte der schweizerischen Kartographie. Bern, Kümmerly und Frey, 1941. 194, xxvii p. maps (part col.) 23 cm. GA1021.G72

A brief survey of Switzerland's representation in ancient and medieval cartography, followed by a more detailed description of the 16th, 17th and 18th centuries when Swiss national cartography was very richly developed. It includes a number of map reproductions and copious bibliographical footnotes.

- 28 Harrisse, Henry. The discovery of North America; a critical, documentary, and historic investigation, with an essay on the early cartography of the new world, including descriptions of two hundred and fifty maps or globes existing or lost, constructed before the year 1536; to which are added a chronology of one hundred voyages westward, projected, attempted, or accomplished between 1431 and 1504; biographical accounts of the three hundred pilots who first crossed the Atlantic; and a copious list of the original names of American regions, caciqueships, mountains, islands, capes, gulfs, rivers, towns and harbours ... London, H. Stevens & Sons, etc. 1892. xii, 802 p., 1 l. maps 29 cm.

G101.H32

Undoubtedly the most inclusive study of maps relating to early American history. It is a critical analysis of some 250 maps, many not previously recorded, including their nomenclature and characteristics.

- 29 Heidel, William Arthur. The frame of the ancient Greek maps. New York, American Geographical Society, 1937, 141 p. 21 cm. (A.G.S. Research Series No. 20).

GA213.H4

"What seems to have distinguished even the earliest Greek maps, aside from their purpose to include the whole earth, is the frame enclosing the habitable earth. How this frame originated and was developed will be discussed in the pages that follow."

The book is well documented with footnotes and is a good reference work on early Greek cartography.

- 30 Hennig, Richard. Terrae incognitae. Eine Zusammenstellung und kritische Bewertung der wichtigsten Vorkolumbischen Entdeckungsreisen an hand der darüber vorliegenden Originalberichte ... Leiden, E. J. Brill, 1944-56. 4 v. illus., maps. 25 cm. Contents. - v. 1. Ancient to Ptolemy. - v. 2. Period 200-1200. - v. 3. Period 1200-1415. - v. 4. Period 1416-1497.

G82.H42

Comprehensive reference work comprising critical evaluations of voyages and travels of discovery from earliest times to 1497. Name index in each volume.

- 31 Imago Mundi, a periodical review of early cartography ... Berlin, London, etc. 1935 - 1959. 14 v. 30 cm. Editors: Leo Bagrow (with Hans Wertheim, 1935; Edward Lynam, 1937-1951); Leo Bagrow, 1952-1959.

GAI.16

The only serial devoted exclusively to the history of cartography of which fourteen issues have appeared to 1959.

- 32 Imhof, Eduard. Die ältesten Schweizerkarten. Zurich, Orell Füssli, 1939. 15 p. maps. 23 x 32 cm.

GA1023.5.I5

Describes some of the earliest examples of Swiss cartography, largely from the sixteenth century.

- 33 International Geographical Union. Commission on the bibliography of ancient maps. Rapport de la Commission pour la Bibliographie des Cartes Anciennes. [Paris] 1952. 2 v.; I, 63 p.; II, 93 p. 18 cm. Contents. - I. Rapport au XVIII^e Congrès International, Washington, 1952, par R. Almagià, Président de la Commission. - Contributions pour un Catalogue des Cartes Manuscrites, 1200-1500, éditées par M. Destombes. - Macrobius, par M. Destombes (p. 21-33) - Richard de Haldingham, par G. R. Crone (p. 34-37) - Cartes catalanes du XIV^e siècle par M. Destombes (p. 38-63) -- II. - Catalogue des cartes gravées au XV^e siècle, par Marcel Destombes. G56.I6 1952

The beginnings of a comprehensive bibliography of all extant medieval maps, manuscript and printed, and portolan charts, of which the section on printed maps is complete.

- 34 Kosack, Hans Peter and Karl-Heinz Meine. Die Kartographie 1943-1954; eine bibliographische Übersicht. Lahr-Schwarzwald, Astra Verlag, 1955. 216 p. 30 cm. Z6021.K6

A general bibliography of references relating to cartography for the period indicated. There is a section on Historical Cartography (p. 27-39) which includes more than 350 titles subdivided under six headings.

- 35 Kretschmer, Konrad. Die Entdeckung Amerika's in ihrer Bedeutung für die Geschichte des Weltbildes. Mit einem Atlas von 40 Tafeln in Farbendruck. Berlin, W. H. Kuhl, etc. 1892. 4 p. l., xi-xxiii, 471 p. 38 cm. and atlas., 7 p.l., 40 maps. 51 cm. E110.K92

Although this work commemorates the 400th anniversary of the discovery of America, it constitutes an excellent summary of historical maps from the earliest times to about 1520. The reproductions are, unfortunately, not true facsimiles, but redrawings.

- 36 Kretschmer, Konrad. Die italienischen Portolane des Mittelalters; ein Beitrag zur Geschichte der Kartographie und Nautik ... Berlin, E. S. Mittler, [1909] viii, 688 p. map. 27 cm. GAE91.K8
A definitive study of portolan charts in general and Italian portolan charts in particular. It includes descriptions of some 75 portolan charts, and about 20 portolanos. It is most useful for names found on such charts and their modern equivalents.
- 37 Kubitschek, Wilhelm. Karten. In Pauly, A. F. von. Real-Encyclopaedie der classischen Altertumswissenschaft. v. 10, Stuttgart, 1919, p. 2022-2149. DE5.P33 v. 10
A comprehensive annotated list of ancient maps and globes, under the headings of city plans, Palestine, world maps by various authors, route maps, and globes, with numerous bibliographical references.
- 38 Leithäuser, Joachim G. Mappae Mundi; die geistige Eroberung der Welt. Berlin, Safari-Verlag. 1958. 402 p. illus., maps. 25 cm. GA300.L44
A general history of cartography with a number of reproductions of early maps, several of which are in color. Has many features in common with Bagrow's Geschichte der Kartographie.
- 39 Lelewel, Joachim. Géographie du moyen âge. Accompagné d'atlas et de cartes dans chaque volume ... Bruxelles, V. et J. Pilliet, 1850-52. 4 v. in 3, and atlas of 50 pl. 23 x 37 cm.
----- Epilogue de la Géographie du moyen âge, ... Accompagné de huit planches. Bruxelles, 1857. viii, 308 p. illus., maps. 23 cm. G89.L5
A comprehensive study, with a wealth of descriptive material relating to the maps of the Romans and Arabs. V. 1, p. 125-134 contains a useful "Table chronologique de la cartographie du moyen-âge."
- 40 Libault, André. Histoire de la cartographie. Paris, Chaix. [1959] 86 p. illus., maps. 27 cm. GA201.L5
A popular summary history of cartography, including a number of illustrations, some in color. A good introductory work for the layman who can read French.

- 41 Lowery, Woodbury. The Lowery Collection. A descriptive list of maps of the Spanish possessions within the present limits of the United States, 1502-1820, by Woodbury Lowery. Ed. with notes by Philip Lee Phillips ... Washington, Govt. Print. Off., 1912. 2 p. l., x, 567 p. 27 cm. Z6027.A5U6

An annotated record of some 700 maps important in the history of North America, more especially of the former Spanish colonies. It has extensive references to source materials as well as a comprehensive index.

- 42 Miller, Konrad. Mappae Arabicae; Arabische Welt- und Länderkarten ... Stuttgart, Selbstverlag des hrsgebers., 1926-1931 - 6 v. illus., maps. 32 cm. GA221.M5

The important link in the history of cartography formed by Arabic maps is the subject of this comprehensive survey, which emphasizes and culminates in the contribution of Idrisi and his world map of 1154.

- 42a Needham, Joseph. Geography and cartography [of China]. In his Science and civilization in China. Cambridge, University Press, v. 3, 1959, p. 497-590, maps. illus. DS721.N39

A comprehensive survey of the history of geography and cartography of China from the earliest times to the 18th century. Emphasis is placed on the contributions of traditional Chinese civilization to mathematics and to the sciences of heaven and earth.

- 43 Nordenskiöld, Nils Adolf Erik, friherre. Facsimile-atlas to the early history of cartography with reproductions of the most important maps printed in the XV and XVI centuries. Translated from the Swedish original by J. A. Ekelöf ... and C. R. Markham ... Stockholm, P. A. Norstedt & Son, 1889. 141 p. 51 pl of maps. 52 x 38 cm. GA201.N7

An important comprehensive history of cartography from Ptolemy through the 16th century, as reflected in printed maps. It contains 51 large and 84 small reproductions of Ptolemaic, pseudo-Ptolemaic, and non-Ptolemaic maps. Each section includes annotated lists of printed maps, chronologically arranged.

- 44 Nordenskiöld, Nils Adolf Erik, friherre. Periplus; an essay on the early history of charts and sailing directions translated from the Swedish original by Francis A. Bather with numerous reproductions of old charts and maps. Stockholm, P. A. Norstedt & Son, 1897. x, 208 p. 97 illus., maps. 50 x 29 cm. GA201.N6

A key reference work devoted to manuscript maps from ancient times to about 1650. A companion volume to the author's Facsimile atlas, it treats also of mediaeval mappae mundi, portolan charts, as well as maps of northern Europe, Africa, Asia, America, and the Pacific.

Under each heading the maps are described in chronological order, with numerous footnotes, references, annotations, and a comprehensive index. It contains some 60 facsimile reproductions of the more important maps, many of which had never before been reproduced.

- 45 Nørlund, Niels Erik. Danmarks kortlaegning, en historisk fremstilling, udgivet med støtte af Carlsbergfondet af N. E. Nørlund ... København, E. Minksgaard, 1942. v. 1. illus., maps. 50 cm. (Denmark. Geodaetisk Institut. Publikationer. IV) Contents. - v. 1. Tiden til afsutningen af Videnskabernes selskabs opmaaling. 77 p. 105 pl. of maps. GA961.N6

Treats of the historical maps specifically of Denmark, but actually of all Scandinavia. Contains an excellent summary and many fine facsimile reproductions of maps from Ptolemy to 1813.

- 46 Ravenstein, Ernest George, and Sir Charles Frederick Arden-Close. History of cartography. In Encyclopaedia Britannica. 14th ed. v. 14, London, New York, 1929, p. 836-845. AE5.E363 1929 v. 14

A readily available concise history, touching the important steps in cartographic development.

- 47 Santarem, Manuel Francisco de Barros, 2. visconde de.
Essai sur l'histoire de la cosmographie et de la
cartographie pendant le moyen-âge et sur les
progrès de la géographie ... Paris, Imp. Maulde et
Renou, 1849-52. 3 v. 22 cm. and portfolio of 79
maps. 76 cm. G89.S2
Volume 1 contains a general summary of the
development of cartography and geographic theories
during the early middle ages. Though largely out
of date in details, this great work remains one of
the primary approaches to medieval geography.
- 48 Skelton, Raleigh Ashlin. Decorative printed maps of the
15th to 18th centuries; a revised edition of Old
decorative maps and charts by A. L. Humphreys.
With 84 reproductions and a new text. London,
New York, Staples Press [1952] vii, 80 p., 84 pl.
of maps. 32 cm. G1025.S6 1952
A concise introduction to cartographical
development useful to the collector and student
alike. It contains numerous reproductions of
pertinent maps, and has a general bibliography
and references at the end of each chapter.
- 49 ----- Explorers' maps, chapters in the cartographic
record of geographical discovery. New York,
F. A. Praeger, 1958. xi, 337 p. illus., maps.
26 cm. GA203.S55 1958
"The book may be regarded as a pictorial
comparison to general histories of exploration....
The maps used or drawn by explorers describe the
borderland between the known and the unknown....
The text is planned as a concise summary of
geographical ideas and events associated with the
maps reproduced." Has reproductions of many early
maps.
- 50 Stevenson, Edward Luther. Terrestrial and celestial
globes; their history and construction, including
a consideration of their value as aids in the study
of geography and astronomy ... New Haven, Pub. for
the Hispanic Society of America by the Yale University
Press, 1921. 2 v. illus. 25 cm. (Publications of
the Hispanic Society of America, No. 86).
GA260.S7
A comprehensive work, including an extensive
bibliography, an index of globe makers with locations
of globes, and a general index.

- 51 Stokes, Isaac Newton Phelps. The iconography of Manhattan Island, 1498-1909, compiled from original sources and illustrated by photo-intaglio reproductions of important maps, plans, views and documents in public and private collections ... New York, R. H. Dodd, 1915-28. 6 v. illus., maps. 29 cm. F128.37.S87

An excellent auxiliary reference tool. Although it relates primarily to the New York area, volume 2 is devoted to the discovery and exploration of the north-east coast of North America. The classified index in volume 6 includes an extensive section on maps and map makers.

- 52 Teleki, Pal Gróf. Atlas zur Geschichte der Kartographie der japanischen Inseln. Nebst dem holländischen Journal der Reise Mathys Quasts und A. J. Tasman's Zur Entdeckung der Goldinseln im Osten von Japan ... 1639 und dessen deutscher Übersetzung. Budapest, Leipzig, K. W. Hiersemann, 1909. xiii, 184 p. incl. 18 maps, 9 pl., 54 maps on xx pl. 60 x 44 cm. GA1241.T415

The key reference work on the history of Japanese cartography. The first part treats of early European knowledge of Japan from the travels of Marco Polo and its first appearance on the 1375 Catalan map to 1550. The second part covers the period from the Portuguese discovery in 1542 to the end of the 18th century. It includes valuable indexes and an extensive bibliography.

- 53 Tooley, Ronald Vere. Maps and map-makers. [2d ed. rev.] New York, Crown [1952] xii, 140 p. illus., maps. 25 cm. GA201.T6 1952

An introduction to historical cartography designed for the use of the collector as well as for the student. It is concerned with atlases and maps published by the better known map makers from ancient times to the 19th century, arranged according to schools or nationalities. Lists of bibliographical references are to be found at the end of each chapter.

- 54 U.S. Library of Congress. Map Division. A list of geographical atlases in the Library of Congress, with bibliographical notes. Compiled under the direction of Philip Lee Phillips, F.R.G.S. ... Washington, Govt. Print. Off., 26 cm. v. 1-4, 1909-20; v. 5, comp. by Clara E. Le Gear, Washington, 1958; v. 6, in press.

Z6028.U5

Volumes 1-4 list 5,324 atlases dating from the Middle Ages through 1919. Volume 5 includes all world atlases acquired by the Library of Congress between 1920 and 1956. Full tables of contents for all published before 1820. Volume 6 will list atlases of Europe, Africa, and Asia acquired by the Library since 1920. Includes basic chronological lists of atlases, alphabetical author lists, and alphabetical indexes. For many of the older atlases there are extensive bibliographic notes as well as lists of individual maps (primarily "maps relating to America, plans of cities throughout the world, and material of specific interest not usually found in atlases"). The only comprehensive list of atlases.

- 55 ----- A list of maps of America in the Library of Congress, preceded by a list of works relating to cartography. By P. Lee Phillips, F.R.G.S. ... Washington, Govt. Print. Off., 1901. 1137 p. 28 cm. Z6027.A5U5

Includes between 15,000 and 20,000 titles, arranged alphabetically by area, including separate maps, as well as maps in atlases and in books. Comprises the American maps in the Library of Congress at the time the Map Division was organized in 1897.

- 56 Vatican. Biblioteca Vaticana. Monumenta cartographica Vaticana iussu Pii XII P. M. Città del Vaticana, 1944-55. 4 v. maps. 43 cm. Contents. - v. I. Planisferi, carte nautiche e affini dal secolo XIV al XVII, esistenti nella Biblioteca Apostolica Vaticana. Roberto Almagià. 156 p. 56 plates of maps, 1944. v. II. Carte grafiche a stampa di particolare pregio o rarità dei secoli XVI e XVII, esistenti nella Biblioteca Apostolica Vaticana. Roberto Almagià. 130 p. 40 plates of maps, 1948. - v. III. Le pitture murali della galleria delle carte geografiche. 89 p. 52 plates. 1952. - v. IV. Le pitture geografiche murali della terza loggia e di altre sale Vaticane. 43 p., 28 pl., 1955.

GA195.V3V38

A magnificent contribution to the history of cartography from the 14th to the 17th century, it is one of the recent great contributions to the history of cartography. It contains extensive descriptions of the maps reproduced and has many bibliographical references.

- 57 Wagner, Henry Raup. The cartography of the northwest coast of America to the year 1800 ... Berkeley, Calif., University of California press, 1937. 2 v. maps. 32 cm. GA401.W3

Although emphasis is on the northwest coast of America, this is a useful reference work to the student of the historical cartography of America. It contains an extensive index, bibliography, list of place names as well as a list of maps. An exhaustive and scholarly publication, which includes a note on practically every important map of the world between 1507 and 1794.

- 58 Wauwermans, Henry Emmanuel. Histoire de l'école cartographique Belge et Anversoise du XVIIe siècle. Bruxelles, Institut National de Géographie, 1895. 2 v. illus. 25 cm. GA901.W35

An auxiliary work dealing with the history of cartography from early times to the 17th century, with emphasis on the contributions of Belgian and Antwerp map makers. A narrative without a general index.

- 59 Weisz, Leo. Die Schweiz auf alten Karten, mit Geleitwort und einem Kartographisch-technischen Anhang von Prof. Ed. Imhof. Zürich, Verlag der Neuen Zürcher Zeitung, 1945. 3 p. l., 9-227, [3] p. illus., ports., 29 maps, diagrs. 30 cm. GA1021.W5

A good general history of the cartography of Switzerland, well illustrated with portraits of map makers, maps, triangulations, surveying instruments, etc. Unfortunately, it lacks a general index.

- 60 Wheat, Carl Irving. Mapping the Transmississippi West, 1540-1861. San Francisco, Institute of Historical Cartography, 1957-59. v. 1-3. maps. 37 cm. v. I, The Spanish entrada to the Louisiana Purchase, 1540-1804, 1957, 264 p., pl. v. II, From Lewis and Clark to Fremont, 1804-1845, 1958, 281 p., pl. v. III, From the Mexican War to the Boundary Surveys, 1846-1854, 1959, 349 p., pl.

GA405.W5

Work planned to include five volumes. Volume I gives general background of the work, and "a narrative discussion of the growth and spread of knowledge concerning the Transmississippi region over the period from 1540 to 1804, as disclosed on the maps, and a detailed Bibliocartography presenting data respecting all maps considered." Volume II covers period from Lewis and Clark expedition to Mexican War, and Volume III traces the development between 1846 and 1854. All three volumes include a number of facsimiles of historic maps, and individual descriptions of maps arranged in chronological sequence. Some errors in citations.

- 61 Wieder, Frederik Caspar. Monumenta cartographica; reproductions of unique and rare maps, plans and views in the actual size of the originals, accompanied by cartographical monographs ... The Hague, M. Nijhoff, 1925-33. 5 v. 87 x 57 cm. GA1346.W5
This work, sumptuously prepared, highlights Dutch contribution to exploration and discovery, with emphasis on Petrus Plancius, Joan Vingboons, Willem Janszoon Blaeu and Abel Janszoon Tasman.
- 62 Winsor, Justin. Narrative and critical history of America ... Boston and New York, Houghton, Mifflin, (1884-89) 8 v. illus., maps. 27 cm. E18.W766
Contains references to so many maps relating to all phases of American history as to be virtually a history of American cartography. Each volume has an extensive index and volume 8 has a consolidated index. The volumes throughout are illustrated with numerous facsimiles and sketches of maps of historical importance.
- 63 Wolkenhauer, Wilhelm. Aus der Geschichte der Kartographie. In Deutsche Geographische Blätter. Bremen, v. 35, no. 1-2, 1912, p. 29-47; v. 27, no. 2, 1904, p. 95-116; v. 33, no. 4, 1910, p. 239-264; v. 36, no. 3-4, 1913, p. 136-158; v. 38, no. 1, 1916-17, p. 101-128. Contents. - [No. 1]. Die mittelalterliche Kartographie (388-1474). - [No. 2]. Von der Wiederweckung des Ptolemäus bis zu Mercator (1475-1553). - [No. 3]. Das Reformzeitalter der Kartographie (1538-1613). - [No. 4]. Das Zeitalter des Übergangs, 1600 bis 1750. - [No. 5]. Die Periode der Triangulation und topographischen Aufnahmen (1750-1840). - [No. 6]. Die moderne Kartographie (1840-1917). G1.D2
An expansion of the author's Leitfaden zur Geschichte der Kartographie, published in 1895. A chronological record of events important in the development of cartography, notably maps, publications, instruments, discoveries.

- 64 Wright, John Kirtland. The geographical lore of the time of the Crusades; a study in the history of medieval science and traditions in western Europe ... New York, American Geographical Society, 1925. xii, 563 p. illus., maps. 21 cm. (American Geographical Society. Research series, No. 15) G89.W7

An auxiliary reference work for the student of mediaeval cartography. Chapter XI, p. 247-257 contains a critical summary of the maps of the middle ages.

- 65 Wroth, Lawrence Counselman. The early cartography of the Pacific. In Bibliographical Society of America. Papers. New York, v. 38, no. 2, 1944, p. 87-268, 22 maps. Z1008.B51P

An excellent auxiliary study of maps from Ptolemy to 1798, important in the development of the cartography of the Pacific area, with facsimiles of 22 of the 104 maps described.

- 66 Yusuf Kamal, Prince. Hallucinations scientifiques (les portolans) ... Leiden, E. J. Brill, 1937. 1 p. l., 95 p., 1 l. 39 maps. 31 x 24 cm. VK874.A3Y8
"Attempts to disillusion our minds of two so-called 'hallucinations' regarding origin of portolan charts; one, that the early charts bear witness to Arabic influence and, two, that anything definite is, in fact, known about their origin."

Includes a number of admirable collotype reproductions.

- 67 ----- Monumenta cartographica Africae et Aegypti ...
[Le Caire] 1926-1951. 16 v. illus., maps. 75 x 62 cm. GA1341.Y8

Although this work is not a general history of cartography, it is comprehensive for the pre-Ptolemaic and the classical periods. It includes facsimiles of hundreds of maps as well as source materials related to them, in Greek, Latin, Arabic, Egyptian, and other languages, all of which are also translated into French. It was published in a limited edition of 70 sets which Prince Yusuf Kamal presented to selected institutions throughout the world. In the United States, sets are to be found at the American Geographical Society of New York, the New York Public Library, the Library of Congress, and the University of Chicago Library.

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